BRUHAT BANGALORE MAHANAGAR PALIKE

Name of Work : Construction of Gym and Yoga building at Sundar nagara and Mineral water Unit in ward no: 17

First & Part Bill

Sl No	Discription of work	Unit	Previous measurement			Present Measurement			Up to date		
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	BOQ	Amount
1	KSRB 2-2.2 Earth work excavation for the foudation of buildings,water supply sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m .in depth including dressing the bottom and side of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m . after breaking of clods complete as per specification	CUM				532.96	250.00	133,240.63	532.96	426.37	133,240.63
	Qty above 125%					352.21	234.53	82,603.81	352.21		82,603.81
2	providing and laying plain cement concrete of mix M7.5 with OPC cement 2180kgs with 40mm and down size graded granite metal,coarse aggregates @0.86cum and fine aggregate @0.568cum machine mixed,concrete laid in layers not exceeding 15cms.thick,well compacted,in foundation,plinth and sills,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.	CUM				46.43	4,500.00	208,912.50	46.43	37.14	208,912.50
	Qty above 125%					81.81	6,039.56	494,108.48	81.81		494,108.48

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3	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320 kgs with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregate @0.459cum,with superplasticizer @3lts conforming to ISO 103-1999 Reaffirmed -2008,machine mixed,concrete laid in layers not exceeding 15cms thick vibrated for all works in foundation for footings & pedesatls retaining walls,return walls,walls(any thickness including attachedplasters,columns,piers,abutments,pillars, pots,struts,buttresses,string or lacing courses,parapets,coping,brd blocks,anchor blocks,plain window cills,fillets etc... including cost of materials,labour,HOM of machinery, curing,complete as per specification.	CUM				60.75	6,750.00	410,062.50	60.75	48.60	410,062.50
	Qty above 125%					16.25	7,719.76	125,446.10	16.25		125,446.10
4	Providing and laying in position reinforced cement concrete for mix M20 with OPC cement @ 320kgs,with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.46cum,with superplasticizer @3lts conforming to IS 9103-1999 reaffirmed-2008,machine mixed,concrete laid in layers not exceeding 15cms thick,vibrated for all works in ground floor level for roof slabs,staircase,linteis,columns,including cost of all materials,labour,HOM of machinery,curing,complete as per specifications. ...a) ground floor plinth	CUM				21.89	6,750.00	147,740.63	21.89	17.51	147,740.63
	Qty above 125%					24.85	7,719.76	191,853.41	24.85		191,853.41

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7	Providing and laying in position reinforced cement concrete of mix M20 using 20mm and downsize granite jelly,machine mixed,concrete laid in layers not exceeding 15cms thk,vibrated fir RCC beams,columns of all sizes in foundation plinth and super structure ground floor level for all roof slabs,stair case,lintels,columns,including cost of all materials,labour,HOM of machinery,curing,complete as per specifications....GROUND FLOOR D1	CUM				1.73	6,750.00	11,643.50	1.73	1.38	11,643.50
	Qty above 125%					3.04	7,641.59	23,238.84	3.04		23,238.84
8	Providing and laying in position reinforced cement concrete of mix M20 using 20mm and downsize granite jelly,machine mixed,concrete laid in layers not exceeding 15cms thk,vibrated fir RCC beams,columns of all sizes in foundation plinth and super structure ground floor level for all roof slabs,stair case,lintels,columns,including cost of all materials,labour,HOM of machinery,curing,complete as per specifications....FIRST FLOOR D1	CUM				1.73	6,750.00	11,643.75	1.73	1.38	11,643.75
	Qty above 125%					2.15	7,641.59	16,430.18	2.15		16,430.18
16	Providing & laying in position reinforced cement concrete of mix M20 with 12mm and down size graded granite metal,machine mixed,well compacted for chajja of 8.5cms averages thickness, upto ground floor level,including cost of all materials,labour,HOM of machinery, finishing,curing,complete as per specifications....ground floor	CUM				6.75	750.00	5,062.50	6.75	5.40	5,062.50
	Qty above 125%					4.74	565.86	2,682.18	4.74		2,682.18
17	Providing & laying in position reinforced cement concrete of mix M20 with 12mm and down size graded granite metal,machine mixed,well compacted for chajja of 8.5cms averages thickness, upto ground floor level,including cost of all materials,labour,HOM of machinery, finishing,curing,complete as per specifications....First floor	CUM				6.75	750.00	5,062.50	6.75	5.40	5,062.50
	Qty above 125%					17.17	565.86	9,714.40	17.17		9,714.40

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18	Providing & laying in position reinforced cement concrete of mix M20 with 12mm and down size graded granite metal,machine mixed,well compacted for chajja of 8.5cms averages thickness, upto ground floor level,including cost of all materials,labour,HOM of machinery, finishing,curing,complete as per specifications....Second floor	CUM				2.28	750.00	1,710.00	2.28	5.40	1,710.00
19	Providing TMT steel reinforcement for R.C.C work including straightening ,cutting,bending,hooking,placing in position,lapping and /or welding wherever required,tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of all materials,labour,HOM of machinary complete as per specifications....for footings (steel=1.075qtl)	METRIC TONNE				17.75	71,000.00	1,260,250.00	17.75	14.20	1,260,250.00
	Qty above 125%					1.25	69,553.57	86,941.96	1.17		86,941.96
20	Providing TMT steel reinforcement for R.C.C work including straightening ,cutting,bending,hooking,placing in position,lapping and /or welding wherever required,tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of all materials,labour,HOM of machinary complete as per specifications....for first floor	METRIC TONNE				10.73	71,000.00	761,475.00	10.73	8.58	761,475.00
	Qty above 125%					2.28	69,553.57	158,234.37	2.28		158,234.37
21	Providing TMT steel reinforcement for R.C.C work including straightening ,cutting,bending,hooking,placing in position,lapping and /or welding wherever required,tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of all materials,labour,HOM of machinary complete as per specifications....for second floor	METRIC TONNE				5.00	71,000.00	355,000.00	5.00	11.13	355,000.00

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22	providing and removing centring,shuttering,strutting,propping etc.,and removing of form work for foundations,footings,bases of columns for mass concrete including cost of all materials,labour complete as per specifications.	SQM				152.00	390.00	59,280.00	152.00	121.60	59,280.00
	Qty above 125%					56.36	476.13	26,834.69	56.36		26,834.69
23	KSRB 4-6.5 : Providing and removing centering,shuttering,strutting,propping etc., for columns,pillars,piers,abutments,post and struts,square/rectangular /polygon in plan including cost of all materials,labour complete as per specification…… Ground floor columns	SQM				153.2	390.00	59,746.05	153.2	126.00	59,746.05
24	Providing and removing centering,shuttering,strutting,propping etc., for columns,pillars,piers,abutments,post and struts,square/rectangular /polygon in plan including cost of all materials,labour complete as per specification…… First floor columns	SQM				88.94	390.00	34,686.60	88.94	98.00	34,686.60
25	Providing and removing centering,shuttering,strutting,propping etc., for columns,pillars,piers,abutments,post and struts,square/rectangular /polygon in plan including cost of all materials,labour complete as per specification…… second floor columns	SQM				40.88	390.00	15,943.20	40.88	98.00	15,943.20
26	providing and removing centring,shuttering,strutting,propping etc.,and removing of form work for foundations,footings,bases of columns for mass concrete including cost of all materials,labour complete as per specifications. Plinth beam	SQM				102.5	390.00	39,975.98	102.5	93.38	39,975.98
27	KSRB 4-6.2 : Providing and removing centering,shuttering,strutting,propping etc., and removal of form work for flat surfaces such as suspended floors ,roofs,landings,balconies and likes,thickness upto 200mm including cost of all materials,labour complete as per specifications.....ground floor roof slabs	SQM				236.25	390.00	92,137.50	236.25	189.00	92,137.50

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	Qty above 125%					64.99	476.51	30,966.00	64.99		30,966.00
28	KSRB 4-6.2 : Providing and removing centering,shuttering,strutting,propping etc., and removal of form work for flat surfaces such as suspended floors ,roofs,landings,balconies and likes,thickness upto 200mm including cost of all materials,labour complete as per specifications.....first floor roof slabs	SQM				218.75	390.00	85,312.50	218.75	175.00	85,312.50
	Qty above 125%					67.04	476.51	31,945.23	67.04		31,945.23
29	KSRB 4-6.2 : Providing and removing centering,shuttering,strutting,propping etc., and removal of form work for flat surfaces such as suspended floors ,roofs,landings,balconies and likes,thickness upto 200mm including cost of all materials,labour complete as per specifications.....second floor roof slabs	SQM				43.07	390.00	16,797.30	43.07	175.00	16,797.30
30	Providing and removing centuring,shuttering,strutting,propping etc.,& removal of formwork for roof beams,beam haunchings,cantilever girders,bressumers and lintels not exceeding 1m in depth including cost of all materials,labour complete as per specification....for Ground floor	SQM				147.38	390.00	57,476.25	147.38	117.90	57,476.25
	Qty above 125%					19.54	317.68	6,207.47	19.54		6,207.47
31	Providing and removing centuring,shuttering,strutting,propping etc.,& removal of formwork for roof beams,beam haunchings,cantilever girders,bressumers and lintels not exceeding 1m in depth including cost of all materials,labour complete as per specification....for first floor	SQM				147.38	390.00	57,476.25	147.38	117.90	57,476.25
	Qty above 125%					19.54	317.68	6,207.47	19.54		6,207.47
32	Providing and removing centuring,shuttering,strutting,propping etc.,& removal of formwork for roof beams,beam haunchings,cantilever girders,bressumers and lintels not exceeding 1m in depth including cost of all materials,labour complete as per specification....for second floor	SQM				19.85	390.00	7,740.53	19.85	117.90	7,740.53

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36	Providing and removing centuring,shuttering,strutting,propping etc., for chajjas,corbels etc., including edges including cost of all materials,labour complete as per specification.Ground floor	SQM				6.75	390.00	2,632.50	6.75	5.40	2,632.50
	Qty above 125%					35.23	335.05	11,805.15	35.23		11,805.23
37	Providing and removing centuring,shuttering,strutting,propping etc., for chajjas,corbels etc., including edges including cost of all materials,labour complete as per specification.First floor	SQM				6.75	390.00	2,632.50	6.75	5.40	2,632.50
	Qty above 125%					26.33	335.05	8,821.87	26.33		8,821.87
38	Providing and removing centuring,shuttering,strutting,propping etc., for chajjas,corbels etc., including edges including cost of all materials,labour complete as per specification.second floor	SQM				4.71	390.00	1,836.90	4.71	5.40	1,836.90
39	KSRB 5.2-2: providing and constructing granite, trap/ basalt size stone masonary in foundation with cement mortar 1:6.stone hammered dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials,labour,curing complete as per specifications. For Foundation	CUM				62.7	5,200.00	326,040.00	62.7	50.16	326,040.00
	Qty above 125%					35.82	5,195.73	186,130.53	35.82		186,130.53
40	KSRB 5.2-2: providing and constructing granite,I trap/ basalt size stone masonary in basement with cement mortar 1:6.stone hammered dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials,labour,curing complete as per specifications.	CUM				27.98	5,350.00	149,666.25	27.98	22.38	149,666.25
	Qty above 125%					24.57	5,195.73	127,643.50	24.57		127,643.50

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41	providing and laying plain cement concrete of mix M10 with OPC cement @220kgs with 20mm and down size graded granite metal,coarse aggregates @0.86cum and fine aggregate @0.56cum machine mixed,concrete laid in layers not exceeding 15cms.thick,well compacted,in foundation,plith and cills,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.	CUM				5.79	6,000.00	34,740.00	5.79	4.82	34,740.00
42	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms.in depth,compacting each deposited layer by ramming after watering with a lead upto 50 m.and lift up to 1.5 m.including cost of all labour complete as per specifications.	CUM				133.04	75.00	9,977.81	133.04	106.43	9,977.81
	Qty above 125%					333.19	157.60	52,194.76	333.19		52,194.76
43	providing and constructing precast concrete solid blocks with compressive strength not less than 35kg/sqm with C.M 1:4 masonary (quoin,jamb,closer blocks) with solid concrete blocks of size 40*15*20cms conforming to IS:2185/1965 in superstructure including cost of all materials,labour charges,scaffolding,curing complete as per specigications.....Ground floor	SQM				413.89	1,100.00	455,276.25	413.89	333.70	455,276.25
44	providing and constructing precast concrete solid blocks with compressive strength not less than 35kg/sqm with C.M 1:4 masonary (quoin,jamb,closer blocks) with solid concrete blocks of size 40*15*20cms conforming to IS:2185/1965 in superstructure including cost of all materials,labour charges,scaffolding,curing complete as per specigications.....First floor	SQM				256.32	1,100.00	281,949.25	256.32	333.70	281,949.25

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45	providing and constructing precast concrete solid blocks with compressive strength not less than 35kg/sqm with C.M 1:4 masonary (quoin,jamb,closer blocks) with solid concrete blocks of size 40*15*20cms conforming to IS:2185/1965 in superstructure including cost of all materials,labour charges,scaffolding,curing complete as per specigications.....Parapet wall	SQM				109.38	1,100.00	120,318.00	109.38	378.70	120,318.00
46	KSRB 5-15 : Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 (Jamb,closer blocks) with blocks of size 40*10*20cms.(L*B*H) conforming to IS :2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing complete as per specifications.Toilet portions	SQM				31.25	1,100.00	34,375.00	31.25	31.20	34,375.00
47	KSRB 5-15 : Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 (Jamb,closer blocks) with blocks of size 40*10*20cms.(L*B*H) conforming to IS :2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing complete as per specifications.First floor	SQM				38.75	1,100.00	42,625.00	38.75	31.20	42,625.00
48	KSRB 5-15 : Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 (Jamb,closer blocks) with blocks of size 40*10*20cms.(L*B*H) conforming to IS :2185/1965 in superstructure including cost of materials,labour charges,scaffolding,curing complete as per specifications.second floor	SQM				20.8	1,100.00	22,880.00	20	31.20	22,000.00

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49	providing 20mm thk cement plaster in single coat with cement mortar 1:4 to stone/brick/aerocon block/block masonary and concrete surface including rounding off corners wherever required smooth rendering,providing and removing scaffolding including cost of materials,labour and curing complete as per specifications....external alround wall	SQM				244.8	390.00	95,472.00	244.8	195.84	95,472.00
	Qty above 125%					172.54	290.38	50,100.71	172.54		50,100.71
50	providing 20mm thk cement plaster in single coat with cement mortar 1:4 to stone/brick/aerocon block/block masonary and concrete surface including rounding off corners wherever required smooth rendering,providing and removing scaffolding including cost of materials,labour and curing complete as per specifications....First floor	SQM				221.97	390.00	86,566.35	221.97	195.84	86,566.35
51	providing 20mm thk cement plaster in single coat with cement mortar 1:4 to stone/brick/aerocon block/block masonary and concrete surface including rounding off corners wherever required smooth rendering,providing and removing scaffolding including cost of materials,labour and curing complete as per specifications....parapet wall	SQM				210.75	390.00	82,192.50	210.75	305.84	82,192.50
52	KSRB15-3.1 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4; to brick masonary & concrete surface including rounding off corners wherever required smooth rendering,: providing and removing scaffolding,including cost of all materials, labour,curing complete as per specificiations.....Internal walls	SQM				308.43	390.00	120,285.73	308.43	246.74	120,285.75
	Qty above 125%					257.62	204.75	52,746.67	257.62		52,746.67

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